BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Providing Asphalting and S.S.Slab drain at Law college cross roads in Attur ward No.03

Estimate Cost:Rs. 1000000.00

Sl No	Description of work	No	Dimensions L	B	D	Quantity	Rate	Unit	Amount
1	2	3	4	5	6	7	8	9	10
1	KSRB 2-1.1Earthwork in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled and after breaking of clods and neatly dressed as per specification Specification No KES 2.1(a)/2.3.1 (P-5 It.2.2)								
	Basic Rate	154.00							
	Area Weightage 8%	12.12							
	Total	177.12							
	Cross roads	8	33.00	4.80	0.36	380.16			
						380.16	177.12	Cum	67334.00
2	KSRRB 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 Meters and an average lift upto 0.5m excavation surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specifications and complete as per specifications. MORTH CHAPTER 3 (P-152 It.19.1)								
	Cross roads								
	drain	10	36.00	0.60	0.50	207.36			
					Total	207.36			
	deduct existing drain section	16	36.00	0.40	0.60	138.24			
					Net qty	69.12	65.88	Cum	4554.00
	Basic Rate	61.00							
	Area Weightage 8%	4.88							
	Total	65.88							
3	Providing 7.5 cm thick granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing spring etc. complete. (P-28, It. 5.31.1)								
	Basic Rate	215.00							
	Area Weightage 8%	25.44							
	Total	343.44							
	bottom slab	16	36.00	0.45		259.20			
	side slab	32	36.00		0.60	691.20			
					Total	950.40	315.36	Sqm	299718.00
	Basic Rate	292.00							
	Area Weightage 8%	23.36							
	Total	315.36							
4	KSRRB M400-17.Providing laying spreading and compacting graded stones aggregate to Wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. MORTH Specification NO 406 (P-166 It.20.1a)								
	Basic Rate	1038.00							

1	2	3	4	5	6	7	8	9	10
	Area Weighitage 8%	83.04							
	Total	1121.04							
	Road	8	33.00	4.80	0.15	190.08			
					Total	190.08	1121.04	Cum	213087.09
5	KSRRB M500-6 Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.60 Kg/sqm using mechanical means complete as per specifications MoRth Specifiation, No 502 (P-175, II,21.6)								
	Basic Rate	41.00							
	Area Weighitage 8%	3.28							
	Total	44.28							
		8	33.00	4.80		1267.20			
					Total	1267.20	44.28	Sqm	56112.00
6	KSRRB 502-10 Tack coat Providing and applying tack coat with bitumen emulsion pressure distributor at the rate of 0.20 Kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom, complete as per specifications MORTH Specification no 503 using bitumen emulsion (P-176, II,21.10.1)								
	Basic Rate	11.10							
	Area Weighitage 8%	0.89							
	Total	11.99							
		8	33.00	4.80		1267.20			
					Total	1267.20	11.99	Sqm	15191.00
7	KSRRBM 500-18 Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of or and filler, transporting the hot mix to work site, laing with a hydrostatic paver finisher with sensor control to the required grade, level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.8 complete in all respects as per specifications 25-30mm compacted thickness with 5% bitumen80/100 using 40-60 HMP using Mechenical paver (Grading 3) (P-178, II,21.20.5)								
	Basic Rate	9069.00							
	Area Weighitage 8%	725.52							
	Total	9794.52							
		8	33.00	4.80	0.025	31.68			
					Total	31.68	9794.52	Cum	310290.00
8	KSRRB M100-1 Loading and unloading of stone boulders/stone aggregates/sand/ kankermoorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, waiting for return trip, excluding time for haulage and return inc cooliolets as per specifications. MORTH Chapter 1 (P-150, II.17.1)								
	Basic Rate	62.20							
	Conveying for 4 km	10.00							
	sub total	72.20							
	Area Weighitage 8%	5.78							
	Total	77.95							
	Qty Vide Item No.1			limited to		375.00			
	Qty Vide Item No.2			limited to		50.00			

1	2	3	4	5	6	7	8	9	10
					Total	425.00	77.95	Cum	33140.00
9	Miscellaneous & Rounding off:							L/S	574.00
						Total Rs:			1000000.00

CERTIFICATE:

1. The work spot comes under BBMP Limits
2. The provisions made in the estimate are necessary and minimum
3. The estimate is based on Market Rates
4. The estimate is based on CSR of 2013-14

Assistant Engineer
Ward No.3

Assistant Executive Engineer
Yelahanka Satellite Town Sub-Division
Bruhat Bengaluru Mahanagara Palike

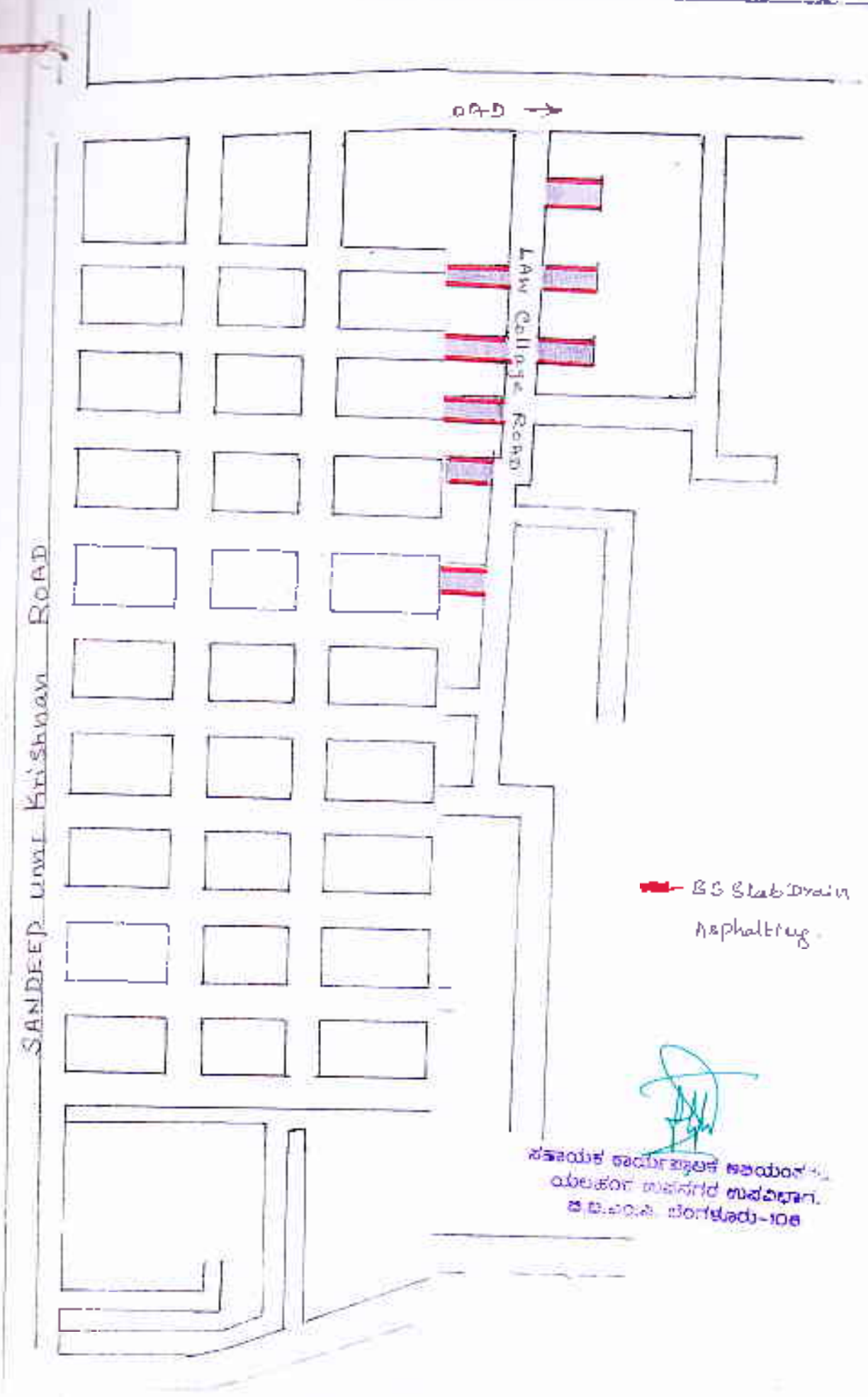
Executive Engineer
Yelahanka Division
Bruhat Bengaluru Mahanagara Palike

ADMINISTRATIVELY SANCTIONED FOR Rs. 10.00 lakh
Rupees Ten Lakhs only
Under P.1771 gm Ward
Registered as CE( )No.
Subject to conditions contained in
enclosed memo CE( )No.
Dt.
Yelahanka 25/5
Below 30.10.13 Rs. 10.00 lakh

TECHNICALLY SANCTIONED FOR Rs. 10.00 lakh
Rupees Ten Lakhs only
Under P.1771 g. Ward
Registered as CE( )No.
Subject to conditions contained in
enclosed memo CE( )No.
Dt.
EE/YNK/TS/SE/13-14
Dated 30-10-2013 Rs. 10.00 lakh
Executive Engineer

Zonal Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

NAME OF WORK :- Ps in Attur Ward No-3



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಮಹಿಳಾ ಉಪವಿಭಾಗ
ಪಾಲಿಕೆ ಬೆಂಗಳೂರು-106